

Colloids and Surfaces A: Physicochemical and Engineering Aspects 138 (1998) 413

Author Index

Aimar, P., 18	5, 217
Alvarez, R., 3	
Alvarez, S., 3'	77
Aptel, P., 335	
Benavente, J.,	255
Bóta, A., 29	
Bowen, W.R.,	161
Budai, T., 81	

Calvo, J.I., 173, 291, 391 Chen, T.J., 65 Chern, C.S., 65 Coca, J., 377, 383 Cornelissen, E.R., 283

Derecka, A., 75 Doneva, T.A., 245 Dukhin, A.S., 1 Dukhin, S.S., 51

El-Sharkawy, E.A., 21 Elzo, D., 145, 265

Fainerman, V.B., 51 Fane, A.G., 231 Fell, C.J.D., 231 Flemming, H.-C., 231 Foissy, A., 301

Gandolfo, F.G., 109 Gekas, V., 145 Goetz, P.J., 1 Goswami, A., 123 Goworek, J., 75 Grasmick, A., 403

Hackley, V., 1 Harmant, P., 217 Hernández, A., 173, 291, 391 Hidaka, H., 39 Hidrot, J.-D.P., 109 Huisman, I., 145 Huisman, I.H., 265 Jacob, J., 173 Jonsson, G., 173, 255

Kamusewitz, H., 353 Katzenberger, R., 91 Keane, M.A., 11 Kherif, G., 291 Kónya, J., 81 Krusteva, E.D., 245 Kulovaara, M., 185 Kusak, R., 75

Larbot, A., 291 László, K., 29 Leysen, R., 367 Lindman, B., 345 Lochon, P., 335 Luque, S., 185 Luyten, J., 367

Malmsten, M., 345 McDonogh, R.M., 231 Metsämuuronen, S., 185 Middelink, E., 145, 265 Miller, R., 51 Mishchuk, N.A., 51 Mongruel, A., 161 Morrow, N.R., 97

Nagy, L.G., 29 Nagy, N.M., 81 Nguyen, T., 335 Nyström, M., 185, 309, 323

Pagetti, J., 301 Pal, M.K., 123 Palacio, L., 291 Pazos, C., 383 Pierre, A., 301 Pihlajamäki, A., 323 Prádanos, P., 173, 291, 391 Pujar, N.S., 133 Qu, P., 39

Reggiani, J.-C., 301 Richau, K., 353 Ricq, L., 301 Riera, F.A., 377 Ríos, G., 383 Roizard, D., 335 Rosano, H.L., 109

Schnabel, S., 335 Schwuger, M.J., 29 Serfis, A.B., 91 Shen, T., 39 Siegel, G., 345 Strathmann, H., 283 Subklew, G., 29

Tejerina, F., 391 Trägårdh, A.C., 265

Ulbricht, M., 353

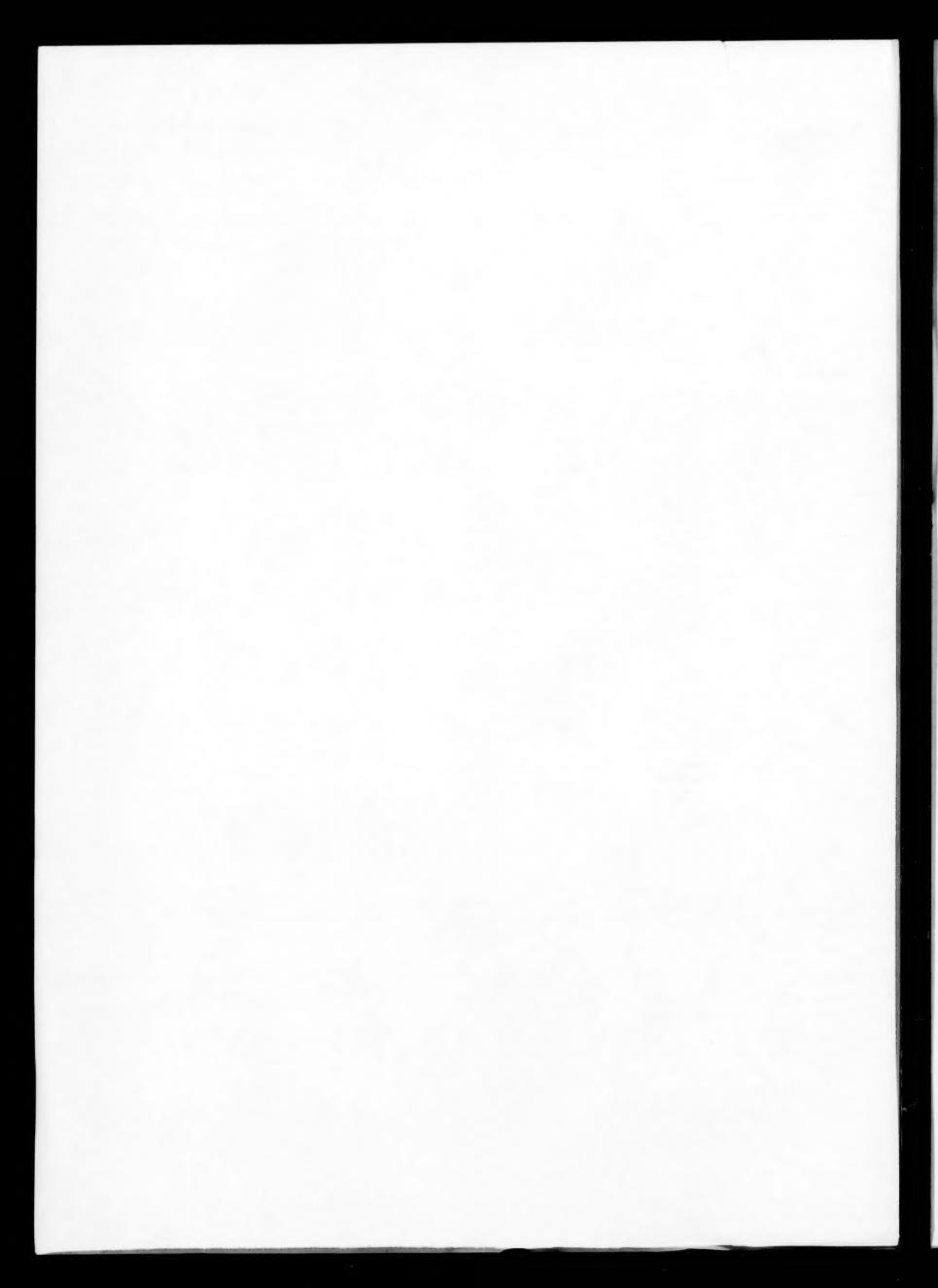
Väisänen, P., 323 Van Damme, H., 367 van de Ven, T.G.M., 207 van den Boomgaard, T., 283 Vansant, E.F., 367 Vassilieff, C.S., 245 Vayer, M., 367 Vercauteren, S., 367

Wisniewski, C., 403

Xie, X., 97

Youssef, A.M., 21

Zang, L., 39 Zhao, J., 39 Zhu, H., 309 Zydney, A.L., 133



Subject Index

Activated carbon, 29
Adsorption, 21, 29, 75, 173, 291
Adsorptive fouling, 283
Advancing and receding, 97
Al₂O₃-pillared montmorillonite, 367
Alumina, 21
Apple juice, 377
ATR, 323

Biofouling, 403 BSA, 323 Bubble deadtime, 51 Bubble lifetime, 51 Bulk characterization, 391

Cake layer, 265 Cation-exchanged montmorillonite, 81 Cation binding, 345 Cetyldimethicone copolyol, 109 Charge characterization, 309 Chemisorption, 21 Cholate, 123 Cleaning, 309 Cleaning agents, 309 Co-adsorption, 39 Coagulation, 217, 383 Colloid, 161, 217 Colloid layer, 231 Complex formation, 81 Composite membranes, 291 Contact angle hysteresis, 97 Contact angle measurements, 353 Copper, 11 Copper oxide, 21 Critical flux, 217 Cross-flow filtration, 217 Cross-flow microfiltration, 245 Cutting oil, 383

Dense cake rheology, 245 Deoxycholate, 123 Depectinization, 377
Deposition kinetics, 207
Depth profiling, 323
Drop size, 383
Dynamic surface tension, 51

EDTA, 81
Electrophoretic mobility, 301
Electrostatically stabilised, 161
Electrostatics, 133
Ellipsometry, 345
Emulsion, 383
Energy transfer, 123
Enzymes, 377
Exciplex, 123

Filtration, 231
Floc size distribution, 403
Flow sensor, 345
Fluctuations, 97
Fluorinated polymers, 335
Flux, 309
Flux decline, 173, 291
Fouled membranes, 255
Fouling, 173, 291
Fractal, 29
FTIR, 323

Gas permeation, 367 Gradient diffusion coefficient, 161

Heterogeneous isotope exchange, 81 Hydraulic resistance, 403

Impinging jet, 207
Inorganic membrane, 145
Inter-particle interactions, 145
Ion exchange, 11
Ionic strength, 301

Latex, 245

Manganese-montmorillonite, 81

Manganese ions, 81

Maximum bubble pressure, 51

Membrane, 133

Membrane bioreactor, 403

Membrane fouling, 217

Membrane potential, 255

Membranes, 283

Meniscus movement, 51

Microfiltration, 145, 265

Microporous membranes, 173, 391

Monolayers, 91

Multiple emulsion, 109

²³Na⁺ NMR, 345

N-Lauroyl sarcosine, 123

Nickel, 11

NTA, 81

Osmotic effect, 109

Osmotic pressure, 161

Ostwald ripening, 65, 109

Packed beds, 207

Particle charge, 231

Particle deposition, 207

Pectin, 377

Pervaporation, 335

pH, 301

Phase equilibria, 75

Photo-initiated graft polymerization, 353

Photodegradation, 39

Photosensitization, 39

Pillared clay membranes, 367

Pillaring reaction, 367

Pinning and slippage, 97

Polydispersity, 231

Polyethyleneterephthalate, 29

Polymers, 283

Polysulphone ultrafiltration membranes, 323

Pore plugging, 265

Pore size distribution, 391

Porosity, 391

Porous structure, 173, 291

Protein, 133, 161

Protein adsorption, 255

Proteoheparan sulfate, 345

Reactive cosurfactants, 65

Recycling, 29

Removal of butanols from water, 335

Saturated mixtures, 75

SAXS, 29

Scanning force microscopy, 353

Separations, 133

Silica particles, 145, 265

Siloxane-urea-urethane block copolymers, 335

Streaming and concentration potential measurements,

353

Streaming potential, 255, 301

Styrene miniemulsions, 65

Surface area, 21

Surface characterization, 391

Surface modification, 353

Surface potential, 91

Surface tension, 283

Surfactant, 39

Thiacyanine and acridine orange, 123

Three-phase line of contact, 97

Titanium dioxide, 39

Ultra- and nano-filtration membranes, 353

Ultrafiltration, 133, 377

Ultrafiltration membranes, 309

Vitamin K, 91

Voidage, 231

Water solubility of cosurfactants, 65

Water treatment, 11

Y zeolite, 11

Zeta potential, 145, 255, 265, 301, 383